

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER <i>(ER 1130-2-306)</i>						PAGE 1 OF 2 DATE: June 13, 2008		
TO: The Record				FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090				
RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack and Passaic Rivers – Port Newark and Port Newark Pierhead Channels, New Jersey						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach D: Port Newark Branch Reach: From GREEN LIGHTED #17 and GREEN CAN #19A to a point approximately 750 feet landward of GREEN CAN #3.	Map 899 Pg 2 of 4; 28, 29 Feb; 4, 5, 10, 17 Mar. 2008 Map 900 Pg 5 of 5; 19, 24, 26, & 27 Sept; 1 thru 4 Oct; 27 Dec 2007; 2 thru 4, 17, 18, 22, 24, 28, & 29 Jan; 4, 6, 28, & 29 Feb; 4 Mar; 1 Apr 2008	400-1,775	0.37	40	27.7	32.0	38.3	33.2
Reach E: Port Newark Inshore Reach: From a point approximately 700 feet landward of GREEN CAN #3 to END of Port at a point approximately 1.6 miles westward of Main Channel.	Map 899 Pg 2 thru 4 of 4; 28, 29 Feb; 4, 5, 10, 17 Mar. 2008	400	1.06	40	33.2	32.1	31.0	31.1
REMARKS: <ul style="list-style-type: none"> All depths are in reference to Mean Low Water (MLW). Channel Length is in nautical miles. 								
NEWARK BAY: <ul style="list-style-type: none"> Reach D: Shoaling exists in the Left Outside Quarter of the channel for the majority of this reach. Shoaling exists in the Left Inside Quarter of the channel starting from the beginning of this reach and extending approximately 1,950 feet landward. Shoaling exists in the Right Inside Quarter of the channel starting approximately from the beginning of the reach and extending approximately 1,270 feet landward. Shoaling exists in the Right Outside Quarter of the channel starting approximately from the beginning of the reach and extending approximately 1,650 feet landward into the reach. Reach E: Shoaling exists in the Right Outside Quarter of the channel from the beginning of the reach and extends landward until the channel's bend. There is more shoaling in the Right Outside Quarter of the channel starting approximately 820 feet landward from the channel's bend and it extends approximately 1,325 feet landward into the reach. Shoaling also exists starting approximately 2,900 feet landward of the channel's bend and it extends to the end of the port (the last 1,300 feet of the port) generally covering the entire width of the channel. Shoaling also exists in the Right Inside Quarter of the channel starting approximately 350 feet landward from the beginning of the reach and it extends approximately 700 feet landward into the reach. The width of the shoal covers approximately half the width of the Right Inside Quarter. Shoaling exists in the Left Outside Quarter of the channel from the beginning of the reach and it extends landward until just before the channel's bend. Shoaling also exists in the Left Inside Quarter of the channel starting approximately at the beginning of the reach and extending approximately 1,600 feet landward into the reach. The width of the shoal covers approximately half the width of the Left Inside Quarter. Sporadic shoaling exists in the Right Inside Quarter of the channel. Shoaling also exists in the Left Outside and Inside Quarters of the channel starting approximately 750 feet landward of the channel's bend and extending approximately 1,600 feet landward into the reach. 								

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-306)</i>					PAGE 2 OF 2		
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RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack and Passaic Rivers – Port Newark and Port Newark Pierhead Channels, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach F: Pt. Newark Pierhead Reach From RED NUN #4 to GREEN CAN #3.	Map 899 Pg 1 & 2 of 4; 28, 29 Feb; 4, 5, 10, 17 Mar. 2008	300- 750	0.65	40	32.9	32.1	29.9

REMARKS:

- All depths in MLW.
- Channel length is in nautical miles.

NEWARK BAY

- Reach F:** Sporadic shoaling exists, in some areas throughout the entire width of the channel, for approximately the first 2,460 feet (or approximately 830 feet north of RED #8) of this reach.

The entire width of the channel is completely shoaled in from approximately 830 feet north of RED #8 to the end of the reach at the junction with Port Newark Channel.